SEQUENCE LISTING

```
<110> Huse, William D.
      Freedman, Michael H.
<120> Method for Identifying Optimal Binding Ligands to a
   Receptor
<130> P-IX 3280
<140> US 09/169,048
<141> 1998-10-08
<150> 60/112,011
<151> 1997-10-09
<160> 28
<170> PatentIn Ver. 2.0
<210> 1
<211> 24
<212> DNA
<213> Mus musculus
<220>
<221> CDS
<222> (1)..(24)
<400> 1
agc tca agt gta agt ttc atg aac
Ser Ser Ser Val Ser Phe Met Asn
  1
<210> 2
<211> 8 .
<212> PRT
<213> Mus musculus
<400> 2
Ser Ser Ser Val Ser Phe Met Asn
                  5
 1
<210> 3
<211> 24
<212> DNA
```

```
24
1
```

<212> PRT

```
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
      construct
<400> 3
                                                                    24
agc tca agt gta agg ttc atg aac
Ser Ser Ser Val Arg Phe Met Asn
                   5
 1
<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 4
Ser Ser Ser Val Arg Phe Met Asn
                  5
<210> 5
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
      construct
<400> 5
                                                                    24
agc gag agt gta aat ctt atg aac
Ser Glu Ser Val Asn Leu Met Asn
                  5
<210> 6
<211> 8
```

```
<213> Artificial Sequence
<400> 6
Ser Glu Ser Val Asn Leu Met Asn
                  5
<210> 7
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
     construct
<400> 7
                                                                   24
ago toa agt gtt aat tto atg aac
Ser Ser Ser Val Asn Phe Met Asn
 1
<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 8
Ser Ser Val Asn Phe Met Asn
 1
                  5
<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
     construct
```

<211> 24

```
<400> 9
                                                                    24
agc tca acg gta agt ttc atg aac
Ser Ser Thr Val Ser Phe Met Asn
<210> 10
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 10
Ser Ser Thr Val Ser Phe Met Asn
<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
      construct
<400> 11
                                                                    24
agc tca agt gta gcg tat atg aac
Ser Ser Ser Val Ala Tyr Met Asn
 1
<210> 12
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 12
Ser Ser Ser Val Ala Tyr Met Asn
  1
<210> 13
```

<212> DNA <213> Artificial Sequence		
<220>		
<221> CDS		
<222> (1)(24)		
<220>		
<223> Description of Artificial Sequence:	synthetic	
construct		
<400> 13		
agc cag agt gct aag cat atg aac		24
Ser Gln Ser Ala Lys His Met Asn		
1 5		
<210> 14		
<211> 8	•	
<212> PRT		
<213> Artificial Sequence	•	
<400> 14		٠
Ser Gln Ser Ala Lys His Met Asn	•	
1 5		
<210> 15		
<211> 24	:	
<212> DNA		
<213> Mus musculus	•	
<220>		
<221> CDS		
<222> (1)(24)		
<400> 15	•	
gcc aca tcc aat ttg gct tct gga	:	24
Ala Thr Ser Asn Leu Ala Ser Gly		
1 5		
<210> 16		
<211> 8	•	
<212> PRT		
<213> Mus musculus		
4400- 16		

```
Ala Thr Ser Asn Leu Ala Ser Gly
                 5
  1
<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
     construct
<400> 17
                                                                    24
gcc aca gag aag ttg gct tct gga
Ala Thr Glu Lys Leu Ala Ser Gly
 1
                  5
<210> 18
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 18
Ala Thr Glu Lys Leu Ala Ser Gly
<210> 19
<211> 24
<212> DNA
<213> Artificial Sequence
<220>
<221> CDS
<222> (1)..(24)
<220>
<223> Description of Artificial Sequence: synthetic
     construct
<400> 19
                                                                   24
gcc aca gtt aat ttg gct tct gga
```

```
Ala Thr Val Asn Leu Ala Ser Gly
  1
 <210> 20
 <211> 8
 <212> PRT
 <213> Artificial Sequence
 <400> 20
 Ala Thr Val Asn Leu Ala Ser Gly
                  5
<210> 21
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
<221> CDS
 <222> (1)..(24)
<220>
 <223> Description of Artificial Sequence: synthetic
      construct
<400> 21
gcc aca gtg aat ttg gct tct gga
                                                                   24
Ala Thr Val Asn Leu Ala Ser Gly
 1
<210> 22
<211> 8
<212> PRT
<213> Artificial Sequence
<400> 22
Ala Thr Val Asn Leu Ala Ser Gly
 1
<210> 23
<211> 24
<212> DNA
```

<213> Artificial Sequence

<220>	
<221> CDS	
<222> (1)(24)	
<220>	
<pre><223> Description of Artificial Sequence: synthetic</pre>	
construct	
<400> 23 -	
gcc aca tcc agg gcg gct tct gga	24
Ala Thr Ser Arg Ala Ala Ser Gly	
1 5	
<210> 24	
<211> 8	
<212> PRT	
<213> Artificial Sequence	
V2137 Altificial Dequence	
4400> 04	
<400> 24	
Ala Thr Ser Arg Ala Ala Ser Gly	
1 5	
<210> 25	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> CDS	
<222> (1)(24)	
(1)(21)	
<220>	
<223> Description of Artificial Sequence: synthetic	
construct	
<400> 25	
gcc aca cag aat ttg gct tct gga	24
Ala Thr Gln Asn Leu Ala Ser Gly	
1 5	
•	
<210> 26	
<211> 8	
<212> PRT	
<213> Artificial Sequence	
\$4.14 BULLUTUU 3PUUPUUP	





24

```
<400> 26
Ala Thr Gln Asn Leu Ala Ser Gly
1 5
```

```
<210> 27
<211> 24
<212> DNA
<213> Artificial Sequence
```

```
<220>
<221> CDS
<222> (1)..(24)
```

```
<400> 27
gcc aca tcc aat ttg gct tct gga
Ala Thr Ser Asn Leu Ala Ser Gly
1 5
```

```
<210> 28
<211> 8
<212> PRT
<213> Artificial Sequence
```

```
<400> 28
Ala Thr Ser Asn Leu Ala Ser Gly
1 5
```